

NAO Climatology:

ROMS output is saved once every 3 days and written to an output file every 6 days. The exception is the first and last file of the month that are saved and written after 3 days. So each month has 6 files.

Output after 3 days .. in 1st file
Output after 6 and 9 days in 2nd file
Output after 12 and 15 days in 3rd file
Output after 18 and 21 days in 4th file
Output after 24 and 27 days in 5th file
Output after 30 days in 6th file.

The Starting Month = July

Example:

roms_low_his_levts0570dg.0120.nc.gz : July 3
roms_low_his_levts0570dg.0122.nc.gz : July 6 and July 9
roms_low_his_levts0570dg.0124.nc.gz : July 12 and July 15
roms_low_his_levts0570dg.0126.nc.gz : July 18 and July 21
roms_low_his_levts0570dg.0128.nc.gz : July 24 and July 23
roms_low_his_levts0570dg.0130.nc.gz : July 30

roms_low_his_levts0600dg.0130.nc.gz : August 3 so on

When the output is loaded for say 'Temperature' from the first or last file of the month(July 3 or 30) you will see a 3-D matrix (x,y,z) whereas for the other files you will see a 4-D matrix (t,x,y,z). Where (1,x,y,z) is first date (like July 6 or July 12) and (2,x,y,z) is second date (like July 15 or July 21).